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;
;=====
SECTION5: ; actual commands for LENA
WAIT
; per email from Michael Collier, 29-Nov-2001
; Changes from original submission:
;     added sync now every 4 commands
;
/C_CQ_LENA_DNLD MAXPKT=4800 CMDMET=0 ; pre-dump queue
sync now
;
;
; Commands compiled by:      Michael R. Collier    29 November 2001
; Commands checked by:       xxx                  xxx
;
; *** "ISN mode" commanding ***
;
; strategy:
;     every orbit stepping controller is set to "ISN mode"
;     "ISN mode" will be the four hours centered around apogee with
;     steering controller cycling through:
;         00h, 00h, 00h, 00h,
;         40h, 40h, 40h, 40h,
;         60h, 60h, 60h, 60h,
;         80h, 80h, 80h, 80h
;             and commanded to zero after the four hour period is through
;
/L_HVP_SCN_DSBL cmdmet=Y01D337apogee_2-72020 ; Dec 3
2001-337-09:58:16
wait 0
;
/L_HVP_SCN_LD TABLE = [x'00', x'00', x'00', x'00',           ;;
                      x'40', x'40', x'40', x'40',           ;;
                      x'60', x'60', x'60', x'60',           ;;
                      x'80', x'80', x'80', x'80']          ;;
cmdmet=Y01D337apogee_2 - 72010 ; Dec 3
2001-337-09:58:17
wait 0
;
;
;
/L_HVP_SCN_EN cmdmet=Y01D337apogee_2 - 72000 ; Dec 3
2001-337-09:58:18
wait 0
;
/L_HVP_SCN_DSBL cmdmet=Y01D337apogee_2 + 72000 ; Dec 3
2001-337-13:58:18
wait 0
;
;sync now
;
/L_HVP_STR_CMD V=x'00' cmdmet=Y01D337apogee_2 + 72010 ; Dec 3
2001-337-13:58:19
wait 0
;
;
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```
;  
/L_HVP_SCN_EN      cmdmet=Y01D338apogee_1 - 72000          ; Dec 4  
2001-338-00:12:12  
wait 0  
;  
/L_HVP_SCN_DSBL   cmdmet=Y01D338apogee_1 + 72000          ; Dec 4  
2001-338-04:12:12  
wait 0  
;  
/L_HVP_STR_CMD V=x'00' cmdmet=Y01D338apogee_1 + 72010  ; Dec 4  
2001-338-04:12:13  
wait 0  
;  
;sync now  
;  
;  
/L_HVP_SCN_EN      cmdmet=Y01D338apogee_1 - 72000          ; Dec 4  
2001-338-00:12:12  
wait 0  
;  
/L_HVP_SCN_DSBL   cmdmet=Y01D338apogee_1 + 72000          ; Dec 4  
2001-338-04:12:12  
wait 0  
;  
/L_HVP_STR_CMD V=x'00' cmdmet=Y01D338apogee_1 + 72010  ; Dec 4  
2001-338-04:12:13  
wait 0  
;  
;  
;  
/L_HVP_SCN_EN      cmdmet=Y01D338apogee_3 - 72000          ; Dec 4  
2001-338-14:26:07  
wait 0  
;  
;sync now  
;  
/L_HVP_SCN_DSBL   cmdmet=Y01D338apogee_3 + 72000          ; Dec 4  
2001-338-18:26:07  
wait 0  
;  
/L_HVP_STR_CMD V=x'00' cmdmet=Y01D338apogee_3 + 72010  ; Dec 4  
2001-338-18:26:08  
wait 0  
;  
;  
;  
/L_HVP_SCN_EN      cmdmet=Y01D339apogee_1 - 72000          ; Dec 5  
2001-339-04:40:01  
wait 0  
;  
/L_HVP_SCN_DSBL   cmdmet=Y01D339apogee_1 + 72000          ; Dec 5  
2001-339-08:40:01  
wait 0  
;  
;sync now  
;  
/L_HVP_STR_CMD V=x'00' cmdmet=Y01D339apogee_1 + 72010  ; Dec 5
```

```
2001-339-08:40:02
wait 0
;
;
;
/L_HVP_SCN_EN      cmdmet=Y01D339apogee_3 - 72000          ; Dec 5
2001-339-18:53:56
wait 0
;
/L_HVP_SCN_DSBL   cmdmet=Y01D339apogee_3 + 72000          ; Dec 5
2001-339-22:53:56
wait 0
;
/L_HVP_STR_CMD V=x'00' cmdmet=Y01D339apogee_3 + 72010 ; Dec 5
2001-339-22:53:57
wait 0
;
;sync now
;
;
/L_HVP_SCN_EN      cmdmet=Y01D340apogee_2 - 72000          ; Dec 6
2001-340-09:07:51
wait 0
;
/L_HVP_SCN_DSBL   cmdmet=Y01D340apogee_2 + 72000          ; Dec 6
2001-340-13:07:51
wait 0
;
/L_HVP_STR_CMD V=x'00' cmdmet=Y01D340apogee_2 + 72010 ; Dec 6
2001-340-13:07:52
wait 0
;
;sync now
;
;
/L_HVP_SCN_EN      cmdmet=Y01D341apogee_1 - 72000          ; Dec 7
2001-340-23:21:46
wait 0
;
/L_HVP_SCN_DSBL   cmdmet=Y01D341apogee_1 + 72000          ; Dec 7
2001-341-03:21:46
wait 0
;
/L_HVP_STR_CMD V=x'00' cmdmet=Y01D341apogee_1 + 72010 ; Dec 7
2001-341-03:21:47
wait 0
;
;sync now
;
;
/L_HVP_SCN_EN      cmdmet=Y01D341apogee_3 - 72000          ; Dec 7
2001-341-13:35:41
wait 0
;
/L_HVP_SCN_DSBL   cmdmet=Y01D341apogee_3 + 72000          ; Dec 7
2001-341-17:35:41
wait 0
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;
/L_HVP_STR_CMD V=x'00' cmdmet=Y01D341apogee_3 + 72010 ; Dec 7
2001-341-17:35:42
wait 0
;
;sync now
;
;
/L_HVP_SCN_EN cmdmet=Y01D342apogee_1 - 72000 ; Dec 8
2001-342-03:49:35
wait 0
;
/L_HVP_SCN_DSBL cmdmet=Y01D342apogee_1 + 72000 ; Dec 8
2001-342-07:49:35
wait 0
;
/L_HVP_STR_CMD V=x'00' cmdmet=Y01D342apogee_1 + 72010 ; Dec 8
2001-342-07:49:36
wait 0
;
;sync now
;
;
/L_HVP_SCN_EN cmdmet=Y01D342apogee_3 - 72000 ; Dec 8
2001-342-18:03:30
wait 0
;
/L_HVP_SCN_DSBL cmdmet=Y01D342apogee_3 + 72000 ; Dec 8
2001-342-22:03:30
wait 0
;
/L_HVP_STR_CMD V=x'00' cmdmet=Y01D342apogee_3 + 72010 ; Dec 8
2001-342-22:03:31
wait 0
;
;sync now
;
;
/L_HVP_SCN_EN cmdmet=Y01D343apogee_2 - 72000 ; Dec 9
2001-343-08:17:25
wait 0
;
/L_HVP_SCN_DSBL cmdmet=Y01D343apogee_2 + 72000 ; Dec 9
2001-343-12:17:25
wait 0
;
/L_HVP_STR_CMD V=x'00' cmdmet=Y01D343apogee_2 + 72010 ; Dec 9
2001-343-12:17:26
wait 0
;
;sync now
;
;/C_CQ_LENA_DNLD MAXPKT=4800 CMDMET=0 ; post-dump queue
;
;
;=====

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